

SECRET

QUARTERLY REPORT



25X1

PAR 214

26 Feb 65

SUBJECT: Roller Transport Reversal Processor (12-Inch)

TASK/PROBLEM

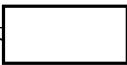
1. Design and fabricate a versatile self-threading photographic processor capable of processing both cut sheet and continuous webs of photographic material and adaptable to a process yielding either standard negative or reversal images. Interchange between processes to be accomplished with a minimum amount of effort.

DISCUSSION

2. During the report period, all items required to build the processor were released for fabrication.

3. On 17 December 1964, a trip was made to the customer's facility to ascertain room location and size for the equipment and to discuss problems related thereto. At this time, a further requirement for the machine was indicated. The dry end of the machine is required to be in a dry, lighted area.

4. Installation drawings were prepared and submitted to the customer. These drawings show the location of the machines in the room, the location of service lines and the means of locating the dry end of the machine in a lighted dry area.

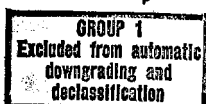
5. Heat load and air discharge data were transmitted to the customer in the Monthly Report, Contract  dated 22 January 1965.

6. The fabrication schedule appears to have slipped about two weeks, however, we are not prepared to predict at this time whether the previously anticipated delivery date (30 July 1965) will be affected.

7. Sketches of proposed briefing aids were submitted for customer approval.

PLANNED ACTIVITY

8. Complete fabrication, mechanical and chemical checkout subsequent to delivery.



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SECRET

Declass Review by NGA.

File # 4025
11 Dec 64

I. INSTRUMENT

A. Name Photographic Processor RT-12-R
B. Manufacturer _____
C. Contract Number _____

II. PHYSICAL FEATURES

A. Number of Component Parts 20
B. Dimensions of the Largest Component Part:
Length 3 Ft. 0 In. Height 5 Ft. 0 In.
Width 2 Ft. 6 In.
C. Weight of Largest Component Part 700# (Crated)
D. Total Weight of Instrument 7000# Installed - Empty
E. Overall Dimensions Assembled:
Length 15 Ft. 9 In. Height 5 Ft. 6 In.
Width 5 Ft. 0 In.
F. Type of Base of Mount:
Flat X Three Point Suspension _____ Four Point Suspension _____
G. Does Instrument have built-in mobility? No
H. Is the instrument particularly sensitive to vibration? No
I. Are any special or unusual tools or fixtures necessary or advisable
for the installation or maintenance of this equipment? No

III. UTILITIES

A. Electrical:
Voltage _____ AC _____ DC _____
Current 208 Volts 60 Amps _____ Volts _____
Frequency 60 cps _____
Nr. of phases 3
Nr. of wires 4
Power required by equipment 13,200 Watts _____ Watts
Type of outlet required: Two Prong _____, Three Prong _____
Twist Lock _____, Permanent Installation X

Should the equipment be shielded, either from external electro-magnetic signals, or to prevent interference with other equipment?
No: Machine radiation does not carry secure information; Machine is not sensitive to radiation.

check on what is circled

B. Air Conditioning:
Room temperature 70°F Humidity 50% RH
Output of Instrument 15000 BTU/Hr.
If air must be filtered, what is maximum permissible particle size
in microns? Not required What particle count? _____
particles per cubic foot.
Direct connection to instrument? Yes _____ No X
If yes to above, what is the desired air temperature to instrument? _____
Should discharged air be ducted separately? Yes (From Dryer)
Is discharged air noxious? No toxic? No
Connector size to instrument 6"

C. Plumbing:
Is water required for the instrument? Yes X No _____
Water pressure 30 PSIG Flow in GPM 10
Type of water desired:
Tap Hot 130°F + 10°F
~~Tempered~~ Chilled 50°F + 5°F
Deionized None °F + _____ °F
Filtered 130° & 50°F + 10°F Particle size and count per
unit volume. 10 u
Type of pipe required:
Galvanized _____ Copper X (Water)
Stainless Steel _____ or Plastic For chemicals
Is floor drain required? Yes X No _____
Diameter of drain 4" Galvanized drain 14% Silicon Iron
Plastic drain _____ Glass drain OK 5/10/65

D. Compressed Air:
Diameter of connectors 1/2" IPS Type of connectors Screwed
PSI 23 max Water free? Yes
S CFM 5 Oil free? Yes (Instrument Air)

E. Vacuum:
Is vacuum required? Yes _____ No X
Vacuum required _____ PSIA or _____ (inches) (milli-
meters) of Hg
Displacement _____ CFM

IV. REMARKS

In the event additional space is required for environmental conditions
or utilities not mentioned above, use the reverse side of this form.